

AMENDMENTS TO THE CLAIMS

Claims 1-8. (Canceled).

9. **(Currently Amended)** A method for preparing an organ by perfusion prior to transplantation or storage of the organ comprising:

(I) providing an ischemic reperfusion injury prevention preparation for perfusion of an organ prior to transplantation or storage of the organ, wherein the ischemic reperfusion injury prevention preparation comprises:

(A) a soluble derivative of a soluble polypeptide, wherein the soluble derivative consists of:

a fragment of complement receptor 1 (CR1) having complement inhibitory activity and is conjugated to myristoyl and a basic amino acid sequence, wherein the soluble derivative is set forth in

~~, wherein the soluble derivative has the amino acid sequence of amino acids 2 through 215 of SEQ ID NO: 1, and wherein the CR1 fragment is set forth at positions 2-197 of SEQ ID NO:1 and the basic amino acid sequence is set forth at positions 199-215 of SEQ ID NO: 1; has Short Consensus Repeats 1-3, and has a complement inhibitory activity;~~

and

(B) a physiologically acceptable and non-reducing flush storage solution, wherein the physiologically acceptable flush storage solution is a kidney perfusion solution, that comprises potassium citrate, sodium citrate, mannitol, and magnesium sulphate;

and

(II) perfusing the organ with the ischemic reperfusion injury prevention preparation, wherein the organ contains the ischemic reperfusion injury prevention preparation while isolated and prior to implantation, **and the ischemic reperfusion injury prevention preparation retains the complement inhibitory activity of the soluble derivative..**

Claims 10-18. (Canceled).

19. (Previously presented) The method according to claim 9, wherein the organ is a kidney, a heart, a liver, or a lung.

20. (Previously presented) The method according to claim 19, wherein the organ is a human organ.

21. (Previously presented) The method according to claim 19, wherein the organ is a non-human animal organ.

Claims 22-24. (Canceled).